

REMARKS

Applicant replies to the final Office Action dated July 9, 2010, within two months. Claims 1-6, 8-32, 35-48, 53-54, 56-79 and 84-96 were pending in the application. The Examiner rejects claims 1-4, 29, 30, 32 and 35, and the remaining claims are withdrawn. Support for the amendments may be found in the originally-filed specification, claims, and figures. No new matter has been introduced by the amendments. Reconsideration of this application is respectfully requested.

The Examiner objects to the disclosure due to various informalities. Applicants amend the specification to clarify and fix such informalities, in line with the Examiner's suggestions.

The Examiner rejects claims 1-4, 29, 30, 32 and 35 under 35 USC 112 due to assertions that the certain elements are vague and indefinite. Applicant respectfully disagrees, but Applicant amends certain claims and cancel certain claims to expedite prosecution and to further clarify the claims. Applicant amends certain claims in line with the Examiner's suggestions.

The Examiner next rejects claims 1-4, 29 and 30 under 35 USC 102(b) as being anticipated by Le Gras, US Patent No. 3,259,286 ("Le Gras"), or under 35 USC 103(a) as obvious over Le Gras. The Examiner also rejects claims 32 and 35 under 35 USC 103(a) as unpatentable over Le Gras. Applicant respectfully disagrees with these rejections, but Applicant amends certain claims to expedite prosecution and to further clarify the claims.

As shown in Figure 5(a), the roller for pressing the pressing means is formed such that the cross-section of the outer periphery of the roller is in the shape of an arc, which Applicants assert is very different from Le Gras. However, the Examiner considers that the roller 20 shown in Figure 4 of Le Gras has an arc shape, which is the same as the claimed invention. When considering the direction of the rotational shaft, the Examiner compares roller 20 of Figure 4 of Le Gras with the roller of Figure 5 of the claimed invention. Applicants assert that the roller of Figure 5 of the claimed invention should be compared to roller 20 of Figure 3 of Le Gras instead.

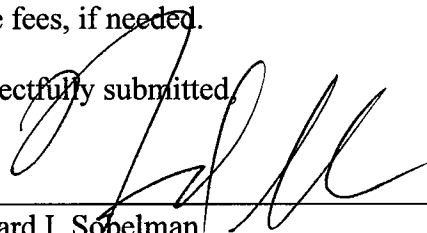
Applicant asserts that Le Gras is limited to a pressing means formed in the shape of a groove. In contrast, the claimed invention includes a pressing means formed in the shape of an arc in view of the width direction. In particular, the cross-section (along a line of the rotational shaft) of the outer periphery (a portion contacting the substrate) of the roller for pressing is formed as an arc shape. Such a shape is significant because it can forcibly widen the fragile base plate to provide a space between the areas of both sides of the scribing line forming onto the fragile base plate (see paragraph [00245]).

As such, Applicant asserts that Le Gras does not disclose or contemplate at least “wherein the pressing means has a cross-section along a line of a rotational shaft of the pressing means and an outer periphery that contacts the second surface of the brittle substrate, and wherein the cross-section of the outer periphery is formed in the shape of an arc,” as recited by independent claim 1. Support for such amendment is found at, for example, Figure 5(a) and paragraph [00241].

Dependent claims 2-4, 29-30, 32 and 35 variously depend from independent claim 1, so Applicant asserts that claims 2-4, 29-30, 32 and 35 are patentable for the same reasons as set forth above, in addition to their own respective features.

In view of the above remarks, Applicant respectfully submits that all pending claims properly set forth that which Applicant regards as the invention and are allowable over the cited references. Accordingly, Applicant respectfully requests allowance of the pending claims. Should the Examiner have any suggestions to place the application in even better condition for allowance, Applicant requests that the Examiner contact the undersigned representative at the telephone number listed below. The Commissioner is authorized to charge any fees due or refund any overpayment to Deposit Account No. 19-2814, including extension of time fees, if needed.

Respectfully submitted,



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